Avenida de la Playa Storm Drain Upgrades

(SD IRWMP Project #178)

Attachment 11: Program Preferences

The proposed project, *Avenida de la Playa Storm Drain Upgrades and Dry Weather Diversion*, assists in meeting the following program preferences:

1. ***Includes regional projects or programs.*** This proposal is included in the San Diego Integrated Regional Water Management Planning (IRWMP) database and supports the La Jolla Shores Watershed Management Plan (WMP) and the La Jolla ASBS protection implementation plan. Additionally, the federal Clean Water Act requires coastal states to have and routinely update an Ocean Plan for maintenance of water quality standards. The Ocean Plan (and State Board) has prohibited storm water waste discharges (dry and wet weather runoff) to ASBS No. 29. The UC Regents-University of California San Diego (UCSD), the City of San Diego and San Diego Coastkeepers are partnering on a long-term program to implement Best Management Practices (BMPs) to control non-storm water discharges and reduce or eliminate pollutant sources that drain into ASBS no 29. This Project will support these ongoing efforts through the diversion of dry weather discharges to the sanitary sewer. This proposal will be fully integrated with other pollution prevention measures called for in the WMP, including aggressive street sweeping, irrigation reduction, porous pavement LID, Urban Corps channel maintenance, and community based education and outreach. It is 100% certain that this project will meet this program preference.

2. ***For SWFM funding this proposal is a) not receiving State funding for flood control or prevention and b) provides multiple benefits.***

    a. It is 100% certain that this proposal is not receiving State funding for flood control or flood prevention.

    b. It is 80% certain that this proposal provides multiple benefits, the breadth and magnitude of each are as follows:

        i. *Water Quality improvements* - Water quality benefits will be achieved through multiple aspects of the proposal including pollutant reduction through the installation of the new dry weather diversion system. Pollutants (bacteria, pesticides, metals, and nutrients) will be prevented from entering the La Jolla ASBS and thus improve the near shore water quality.

        ii. *Ecosystem benefits* - This proposal protects unique habits and a diverse biological community found in the ASBS, a designated Marine Protected Area. The elimination of dry weather flows and reduction of contaminants during wet weather will help protect these valuable resources. In addition, during rain events at Avenida de la Playa, the street and adjacent sand beach habitat of the La Jolla ASBS is scoured due to hydromodification. The scouring degrades habitat and the marine biological community in this protected biological preserve.

3. ***Addresses the following Statewide priorities:*** This proposal addresses the following statewide priorities:

Table 1 State Wide Priorities Addressed

Proposal Project	Statewide Priorities Addressed		
	Expand Environmental Stewardship	**Practice Integrated Flood Management**	**Protect Surface Water Quality and Groundwater Quality**
Avenida de la Playa Storm Drain Upgrades and Dry Weather Diversion	•	•	•

a. ***Expands Environmental Stewardship:*** The elimination of dry weather flows and reduction of contaminants during wet weather will help protect the unique habitat and diverse biological community found in the La Jolla Area of Special Biological Significance (ASBS). The dry weather diverters will capture and redirect nuisance dry weather urban flows directly to the sanitary sewer system and thus reduce a corresponding volume of targeted pollutant loads from the surrounding urban area directed into the ASBS. During rain events at Avenida de la Playa, the street and adjacent sand beach habitat of the La Jolla ASBS is scoured due to hydromodification. The scouring degrades habitat and the marine biological community in this protected biological preserve. The project will be an integral part of the comprehensive management program for the ASBS. It is 95% certain that this proposal will meet this program preference.

b. ***Practice Integrated Flood Management*** - Flooding problems are frequently reported along Avenida de la Playa between the outfall and the intersection with Camino del Sol (approximately 700 feet upstream). The flooding results from an undersized storm drain system that is unable to adequately convey peak flow from a 1-year design storm and from the limited capacity and design of the discharge outfall. Local businesses and residences are significantly impacted by the flooding, which causes not only property and infrastructure damages but also business losses associated with the impassability of flooded streets. This project will reduce flooding in this area by increasing the capacity of the storm drain system, and improve the capacity of and design of the beach outfall to prevent sand and trash blockages from occurring. It is 95% certain that this proposal will meet this program preference.

c. Protect Surface and Ground Water Quality – Protection of surface water quality will be achieved through multiple aspects of the proposal including pollutant reduction through the installation of the new dry weather diversion system. Pollutants (bacteria, pesticides, metals, and nutrients) will be prevented from entering the La Jolla ASBS and thus improve the near shore water quality. In so doing it will improve the healthfulness of the ASBS for native species and improve the asset for visitors and users of the La Jolla shoreline. It is 90% certain that this proposal will help protect surface water quality.